

Sibur Discar-SL PC/ABS Compositional Polymer

Category : Polymer , Thermoplastic , ABS Polymer , Polycarbonate/ABS Alloy, Unreinforced , Polycarbonate (PC)

Material Notes:

Composition material PC/ABS with low viscosity of melting with high shock resistance, thermal and atmospheric resistance for large, thin wall structural parts of automobile interiors.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Sibur-Discar-SL-PCABS-Compositional-Polymer.php

Physical Properties	Metric	English	Comments
Water Absorption	<= 0.20 %	<= 0.20 %	
Melt Index of Compound	20 - 53 g/10 min	20 - 53 g/10 min	

Mechanical Properties	Metric	English	Comments
Elongation at Break	>= 50 %	>= 50 %	
Izod Impact, Notched (ISO)	>= 45.0 kJ/m ²	>= 21.4 ft-lb/in ²	
Charpy Impact, Notched	2.50 J/cm ²	11.9 ft-lb/in ²	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	105 Â°C	221 Â°F	Deflection temperature in bending , load unknown
Vicat Softening Point	<= 120 Â°C	<= 248 Â°F	

Descriptive Properties	Value	Comments
Impact Tension Strength	>50 MPa	

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